

## UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_11-30-77 LOCATION ABANDONED (NOT TO BE DRILLED) NW/SWDATE FILED 7-21-77

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. II-190172

INDIAN

DRILLING APPROVED: 7-21-77

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 11-30-77FIELD: ~~Stagecoach Ext.~~ 3/86 Natural Buttes

UNIT:

COUNTY: UintahWELL NO. Conoco Pawinee 34-#1API NO: 43-047-30297LOCATION 2049 FT. FROM XX (S) LINE.501FT. FROM (K) (W) LINE.NW SW1/4 - 1/4 SEC. 34

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>8S</u>	<u>21E</u>	<u>34</u>	<u>CONTINENTAL OIL CO.</u>				
<u>21E</u>	<u>34</u>						

11/30/77 Tacked w/ Mr. Thompson, the  
 well not to be drilled, Location  
 Abandoned - letter will follow.  
 SW

Smith

HASTINGS, 44 - LOS ANGELES  
 DEAN ON - 11/30/77

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input type="checkbox"/>
Location Map Pinned	<input type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
I W R for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<input type="checkbox"/>
Copy NID to Field Office	<input type="checkbox"/>
Approval Letter	<input type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<input type="text"/>
OW <input type="text"/> WW <input type="text"/> TA <input type="text"/>	Location Inspected <input type="text"/>
GW <input type="text"/> OS <input type="text"/> PA <input type="text"/>	Bond released <input type="text"/>
	State of Fee Land <input type="text"/>
LOGS FILED	
Driller's Log	<input type="text"/>
Electric Logs (No. )	<input type="text"/>
E <input type="text"/> I <input type="text"/> E-I <input type="text"/> GR <input type="text"/> GR-N <input type="text"/> Micro <input type="text"/>	
Lat. <input type="text"/> Mi-L <input type="text"/> Sonic <input type="text"/> Others <input type="text"/>	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. L-190172 (Feol)
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Continental Oil Company			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 152 No. Durbin, Casper, Wyoming 82601			8. FARM OR LEASE NAME Conoco Pawinnee 34
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2049' FSL, 501' FWL (NW SW) ✓ At proposed prod. zone			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Conoco Pawinnee - Wasatch Ext.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 501'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R21E
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH 13. STATE Utah Utah
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			20. ROTARY OR CABLE TOOLS Rotary
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. not applicable 6500'			22. APPROX. DATE WORK WILL START* September 1, 1977
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4718' (ungraded ground)			

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36 lbs.	250' ✓	150 sacks
7-7/8"	5-1/2"	15.5 lbs.	6500'	*

It is proposed to drill Conoco Pawinnee 34 No. 1 as a Wasatch gas producer. No Cores or Drillstem Tests are planned. All appropriate logs will be run. It is anticipated to air drill this well. However, should mud drilling be required, native mud with 3% KCL will be used to T.D.

The blowout preventer will be tested daily

\*Cement volume and placement of cement will depend upon which zones are commercial. Cement volumes will be calculated from Caliper log. Engineering will provide cement volumes and placement of centralizers and cementing tools after well has been logged and productive intervals have been determined.

USGS(3) UOGCC(2) File

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Administrative Supervisor DATE July 14, 1977

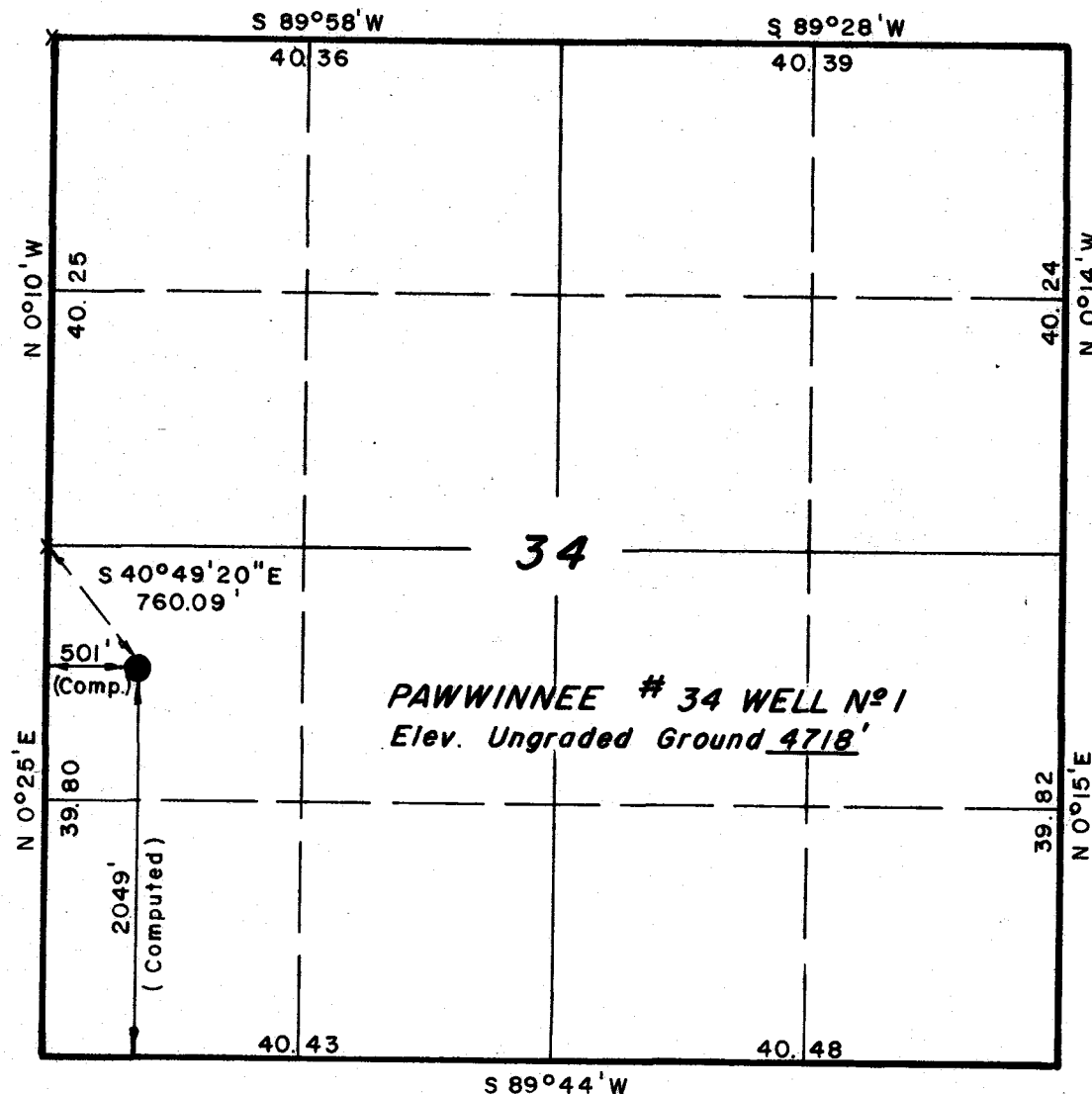
(This space for Federal or State office use)

PERMIT NO. 43-047-30297 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CONTINENTAL OIL CO.

Well location, **PAWWINNEE # 34**  
**WELL N<sup>o</sup> 1**, located as shown in the  
 NW 1/4 SW 1/4 Section 34, T8S, R21E,  
 S.L.B. & M., Uintah County, Utah.



X=Section Corners Located .



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/23/77
PARTY R.K. D.D. D.J.	REFERENCES GLO Plat
WEATHER Warm	FILE CONTINENTAL OIL CO.

Attachment to Form 9-331C  
Conoco Pawinnee 34 No. 1  
Uintah County, Utah  
July 13, 1977

1. The geologic name of surface formation: Uintah
2. The estimated tops of important geologic markers:

<u>Formation</u>	<u>Drilled Depth</u>	<u>Subsea Depth</u>
Green River	2259'	+2482'
Wasatch	5259'	-518'
T.D.	6500'	-1759'

3. It is anticipated to encounter a water bearing zone in the Green River formation. A gas and water bearing zone is anticipated in the Wasatch formation. The depths of these formations are listed in (2) above.
4. Proposed casing pattern:  
0' - 250' - 9-5/8" OD, 36 lbs/ft., K-55, LT&C  
0' - T.D. - 5-1/2" OD, 15.5 lbs/ft., K-55, LT&C  
(All casing mentioned above will be new.)
5. Specifications for pressure control: Our minimum specification for pressure equipment will be 5000 lbs.
6. Proposed circulating medium: Well will be drilled with air. If fluid entry into well bore becomes such a problem as to require drilling fluid to lift cuttings, native mud with 3% KCL will be used to T.D. Mud weight should not exceed 8.5 pounds per gallon through the Green River formation. From the top of the Wasatch to T.D., mud weight should not exceed 8.9 pounds per gallon. (Sufficient mud will be mixed on location to fill hole volume plus excess of 200 bbls and sufficient weight to control bottom hole pressures.)
7. Auxiliary equipment: We will use kelly cocks, floats at the bit, monitoring equipment on the mud system (if needed), a sub on the floor with a full opening valve and a blooie line.
8. Testing, logging and coring: As mentioned in the permit to drill, no Cores or Drillstem Tests are planned. A flare will be ignited under the blooie line when drilling below 3000' with air to detect combustible quantities of gas. The following logs will be run over the specified intervals:
  - A. Dual Induction with SP from surface pipe to T.D.
  - B. Formation Density and Compensated Neutron log with Caliper over selected zones in the Green River and Wasatch formations.

Attachment to Form 9-331C

Conoco Pawinnee 34 No. 1

Uintah County, Utah

July 13, 1977

Page 2

9. Abnormal pressures and temperatures: We do not anticipate any abnormal pressure or temperatures. Rotating head will be used while drilling with air for control. BOP's will be used for control while drilling with mud. Mud weight will be increased if necessary to insure adequate control.
10. Starting date and duration: We plan to spud the well on October 25, 1977, and expect drilling operations to last 20 days.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date:

July 18 -

Operator:

Continental Oil Co.

Well No:

Cresco Petroleum 1-34

Location:

Sec. 34 T. 8S

R. 21E

County:

Utah

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

CHECKED BY:

Administrative Assistant

Remarks:

No other wells in Sec. 34

Petroleum Engineer

Remarks:

Director

Remarks:

7

INCLUDE WITHIN APPROVAL LETTER:

Bond Required

☒

Survey Plat Required

☐

Order No.

☐

Surface Casing Change  
to

☐

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site. ☐

O.K. Rule C-3

☒

O.K. In

Unit

☐

Other:

☒ Letter Written/Approved

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.  
L-190172

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
Continental Oil Company

3. ADDRESS OF OPERATOR  
152 North Durbin, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2049' FSL, 501' FWL (NW SW)

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4718' (ungraded ground)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Conoco Pawinnee 34

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Conoco Pawinnee - Wasatch

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 34, T8S, R21E

12. COUNTY OR PARISH 13. STATE  
Uintah Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☐  
(Other) blowout preventer ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐  
(Other) ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is a schematic drawing of our minimum requirements for a blowout preventer on the subject well.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: July 22, 1977  
BY: [Signature]

USGS(3) INDOCM File

18. I hereby certify that the foregoing is true and correct

SIGNED T. C. Thompson

TITLE Administrative Supervisor

DATE 7-18-77

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

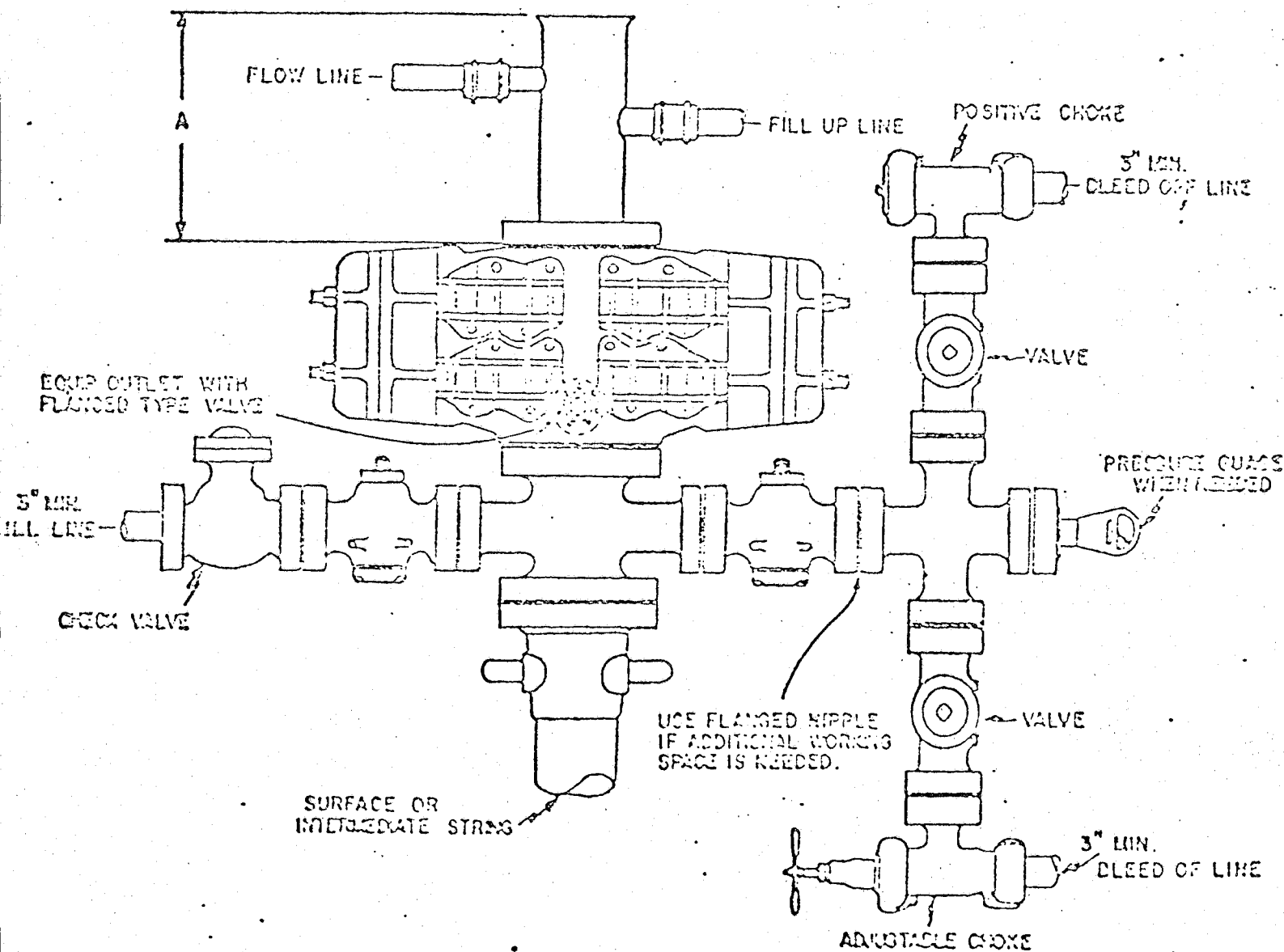
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions on Reverse Side

Location Abandoned  
11-30-77



Conoco Pawnee 34 No. 1  
 2049' WSL, 501' FWL (NW)  
 Section 34, T8S, R21E  
 Uintah County, Utah



Conoco:

Minimum BOP Stack  
 One Pipe Ram  
 One Blind Ram

5000 psi Working Pressure

Manifold

5000 psi Working Pressure

Well Head

5000 psi Working Pressure

July 21, 1977

Continental Oil Company  
152 North Durbin  
Casper, Wyoming 82601

Re: Well No's:  
Conoco Pawinnee 34-1  
Sec. 34, T. 8 S, R. 21 E,  
Chapita Wells Federal 15  
Sec. 15, T. 9 S, R. 23 E,  
Chapita Wells Federal 13  
Sec. 13, T. 9 S, R. 23 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, said approval shall be conditional upon forwarding a surveyors plat of the proposed Chapita Federal 15, prior to commencement of spudding operations.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API numbers assigned to these wells are:

Pawinnee 34-1: 43-047-30297  
Chapita Federal 15: 43-047-30298  
Chapita Federal 13: 43-047-30299

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director